

ABSTRACT

In a fire control system for an elevator, the time for the fire and smoke to reach the elevator hall of each floor of a building during
5 fire is pre-calculated as the evacuation time of the floor. When the evacuation time of a floor is longer than the time for making a car respond to a rescue call from the evacuation floor, the floor is judged as a rescue floor, and when shorter, the floor is judged as a non-rescue floor. Furthermore, the order in which the rescue is carried out among
10 the rescue floors is determined. Accordingly, it is possible to rescue remainders on a rescue floor using an elevator as an evacuation means. Moreover, since rescue operation by the elevator is performed with the order of rescue determined, rescue operation suitable for the conditions of the fire can be realized.